

Recovery Plan Action Status

Plan Name: Revised Recovery Plan for the Mojave Population of the Desert Tortoise (*Gopherus agassizii*)

Plan Status: Final Revision 1

Plan Date: 06-May-11

Lead Agency: USFWS

Lead Office: Nevada Fish And Wildlife Office

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Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Desert tortoise (<i>Gopherus agassizii</i>)	2	1.1	Develop, support, and build partnerships to facilitate recovery: Establish regional, inter-organizational RITs to coordinate implementation activities of recovery. actions.	Not Started			All parties, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	
Desert tortoise (<i>Gopherus agassizii</i>)	2	2.1	Protect and manage existing populations and habitat: Conserve intact desert tortoise habitat.	Not Started			Land Managers	Work type not yet selected	Labor type not yet selected	Negligible additional costs above normal activities.
Desert tortoise (<i>Gopherus agassizii</i>)	3	2.10	Protect and manage existing populations and habitat: Restrict off-highway vehicle events within desert tortoise habitat.	Not Started			Bureau Land Management	Work type not yet selected	Labor type not yet selected	
Desert tortoise (<i>Gopherus agassizii</i>)	3	2.11	Protect and manage existing populations and habitat: Connect functional habitat.	Not Started			Land Managers	Work type not yet selected	Labor type not yet selected	To be determined.
Desert tortoise (<i>Gopherus agassizii</i>)	3	2.12	Protect and manage existing populations and habitat: Limit mining and minimize its effects.	Not Started			Bureau Land Management	Work type not yet selected	Labor type not yet selected	
Desert tortoise (<i>Gopherus agassizii</i>)	3	2.13	Protect and manage existing populations and habitat: Limit landfills and their effects.	Not Started			Counties	Work type not yet selected	Labor type not yet selected	

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Desert tortoise (Gopherus agassizii)	3	2.14	Protect and manage existing populations and habitat: Minimize excessive predation on tortoises.	Not Started			Land Managers	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	3	2.15	Protect and manage existing populations and habitat: Minimize impacts to tortoises from horses and burros.	Not Started			National Park Service, Bureau Land Management	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	3	2.16	Protect and manage existing populations and habitat: Minimize impacts to tortoises from livestock grazing.	Not Started			National Park Service, Bureau Land Management	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	2	2.2	Protect and manage existing populations and habitat: Minimize factors contributing to disease.	Not Started			All parties	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	2	2.3	Protect and manage existing populations and habitat: Establish/continue environmental education programs.	Not Started			All parties	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	2	2.4	Protect and manage existing populations and habitat: Increase law enforcement.	Not Started			Land Managers	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	2	2.5	Protect and manage existing populations and habitat: Restrict, designate, close, and fence roads.	Not Started			National Park Service, Bureau Land Management	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	2	2.6	Protect and manage existing populations and habitat: Restore desert tortoise habitat.	Not Started			Land Managers	Work type not yet selected	Labor type not yet selected	To be determined.

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Desert tortoise (Gopherus agassizii)	2	2.7	Protect and manage existing populations and habitat: Install and maintain urban or other barriers; Western Mojave Recovery Unit.	Not Started			Land Managers	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	2	2.7	Protect and manage existing populations and habitat: Install and maintain urban or other barriers; Upper Virgin River Recovery Unit.	Not Started			Bureau Land Management , Washington County, Utah, HCP	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	2	2.7	Protect and manage existing populations and habitat: Install and maintain urban or other barriers; Eastern/Northeastern Mojave recovery units.	Not Started			Clark County, Nevada, MSHCP, Coyote Springs, Nevada, MSHCP	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	3	2.7	Protect and manage existing populations and habitat: Install and maintain urban or other barriers; Remainder of desert tortoise range.	Not Started			Land Managers	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	2	2.8	Protect and manage existing populations and habitat: Sign and fence boundaries of sensitive or impacted areas; Upper Virgin River Recovery Unit.	Not Started			Bureau Land Management , Washington County, Utah, HCP	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	3	2.8	Protect and manage existing populations and habitat: Sign and fence boundaries of sensitive or impacted areas; Remainder of desert tortoise range.	Not Started			Land Managers	Work type not yet selected	Labor type not yet selected	

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Desert tortoise (Gopherus agassizii)	2	2.9	Protect and manage existing populations and habitat: Secure lands/habitat for conservation; Upper Virgin River, Colorado Desert, and Western Mojave recovery units.	Not Started			Land Managers	Work type not yet selected	Labor type not yet selected	To be determined.
Desert tortoise (Gopherus agassizii)	3	2.9	Protect and manage existing populations and habitat: Secure lands/habitat for conservation; Remainder of desert tortoise range.	Not Started			Land Managers	Work type not yet selected	Labor type not yet selected	To be determined.
Desert tortoise (Gopherus agassizii)	2	3.1	Augment depleted populations through a strategic program: Develop protocols and guidelines for the augmentation program.	Not Started			U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	2	3.2	Augment depleted populations through a strategic program: Identify sites at which to implement population augmentation efforts	Not Started			U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	2	3.3	Augment depleted populations through a strategic program: Secure facilities and obtain tortoises for use in augmentation efforts.	Not Started			Department of Defense , Mohave National Preserve, U.S. Fish and Wildlife Service	Work type not yet selected	Internal Administrative	
Desert tortoise (Gopherus agassizii)	2	3.4	Augment depleted populations through a strategic program: Implement translocations in target areas to augment populations using a scientifically rigorous, research-based approach.	Not Started			Land Managers, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	To be determined.

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Desert tortoise (Gopherus agassizii)	3	4.1	Monitor progress toward recovery: Monitor desert tortoise population growth.	Not Started			All parties, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	3	4.2	Monitor progress toward recovery: Monitor the extent of tortoise distribution in each recovery unit.	Not Started			All parties, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	3	4.3	Monitor progress toward recovery: Track changes in the quantity and quality of desert tortoise habitat.	Not Started			All parties, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	To be determined.
Desert tortoise (Gopherus agassizii)	3	4.4	Monitor progress toward recovery: Quantify the presence and intensity of threats to the desert tortoise across the landscape.	Not Started			All parties, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	To be determined.
Desert tortoise (Gopherus agassizii)	3	5.1	Conduct applied research and modeling in support of recovery efforts within a strategic framework: Determine factors that influence the distribution of desert tortoises.	Not Started			Research Institutions, U.S. Geological Survey, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	To be determined.
Desert tortoise (Gopherus agassizii)	3	5.2	Conduct applied research and modeling in support of recovery efforts within a strategic framework: Conduct research on the restoration of desert tortoise habitat.	Not Started			Research Institutions, All parties	Work type not yet selected	Labor type not yet selected	To be determined.
Desert tortoise (Gopherus agassizii)	3	5.3	Conduct applied research and modeling in support of recovery efforts within a strategic framework: Improve models of threats, threat mitigation, and desert tortoise demographics.	Not Started			Research Institutions, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	To be determined.

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Desert tortoise (Gopherus agassizii)	3	5.4	Conduct applied research and modeling in support of recovery efforts within a strategic framework: Conduct research on desert tortoise diseases and their effects on tortoise populations.	Not Started			Research Institutions, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	To be determined.
Desert tortoise (Gopherus agassizii)	3	5.5	Conduct applied research and modeling in support of recovery efforts within a strategic framework: Determine the importance of corridors and physical barriers to desert tortoise distribution and gene flow.	Not Started			Research Institutions	Work type not yet selected	Labor type not yet selected	To be determined.
Desert tortoise (Gopherus agassizii)	2	6.1	Implement an adaptive management program: Revise and continue development of a recovery decision support system.	Not Started			All parties, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	
Desert tortoise (Gopherus agassizii)	2	6.2	Implement an adaptive management program: Develop/revise recovery action plans.	Not Started			All parties	Work type not yet selected	Labor type not yet selected	Costs included under action 1.1.
Desert tortoise (Gopherus agassizii)	3	6.3	Implement an adaptive management program: Amend land use plans, habitat management plans, and other plans as needed to implement recovery actions.	Not Started			Land Managers	Work type not yet selected	Labor type not yet selected	To be determined.

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Desert tortoise (Gopherus agassizii)	3	6.4	Implement an adaptive management program: Incorporate scientific advice for recovery through the Science Advisory Committee.	Not Started			All parties, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	